



8th Street NE Bus Priority Project

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Bus Priority Program

Bus Priority Vision

- Improve bus speeds and reliability for riders across all eight wards of the District
- Faster and more reliable transit provides better access to more jobs and opportunity
 - During the COVID-19 pandemic, Metrobus ridership has consistently been two to three times higher than Metrorail ridership¹
- Almost half of District Metrobus riders make under \$30,000 per year and two thirds live in zero-car households²
- Improve the **entire rider experience**, including:
 - Pedestrian improvements to ensure bus stop accessibility
 - Bus lanes to reduce congestion delay
 - Transit signal priority and queue jumps to address signal delay

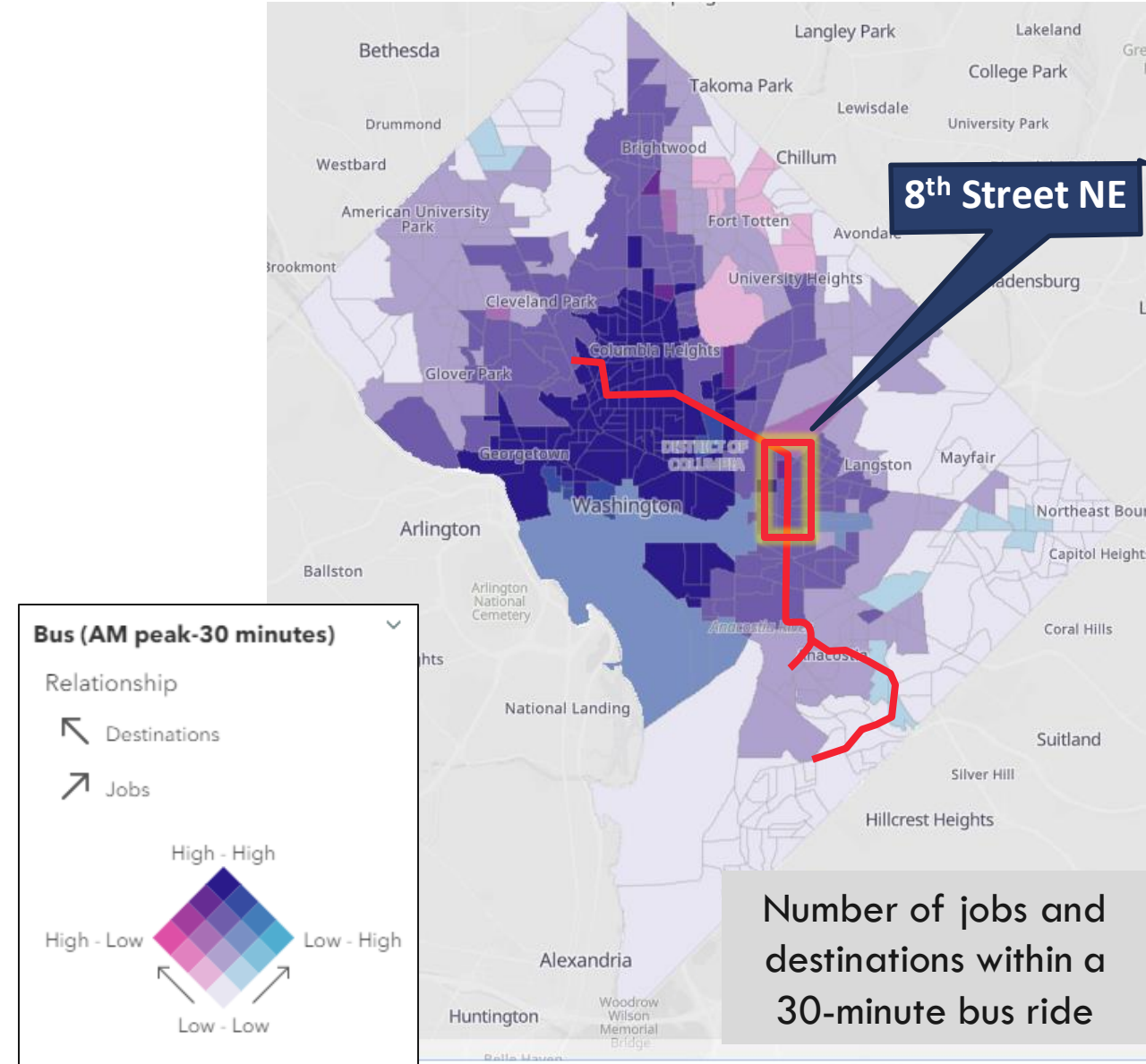


¹<https://www.wmata.com/service/covid19/Covid-19-Public-Information.cfm>

²2018 WMATA Metrobus rider survey

Transportation Equity

- DDOT is committed to elevating and advancing transportation equity to ensure public investments in transportation justly benefit all residents, visitors and commuters.
- Investing in transit facilities will improve equity in accessibility of where residents need to go.
- Bus priority helps to address transportation needs identified in moveDC.



moveDC 2021 Update Snapshot

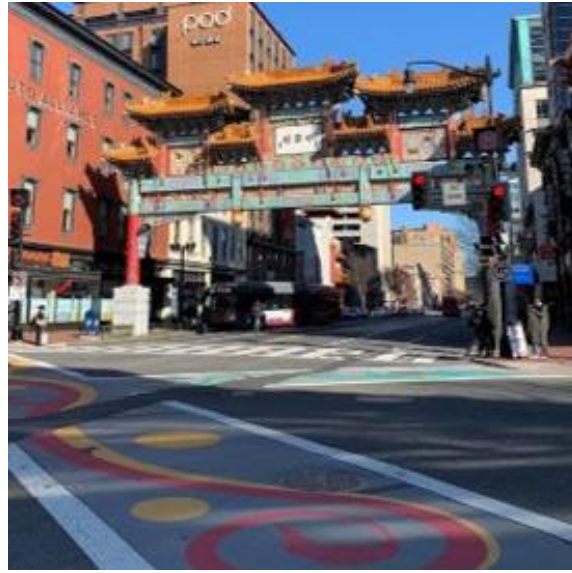
The District will achieve 75% of all commute trips by non-auto modes by 2032

BUS



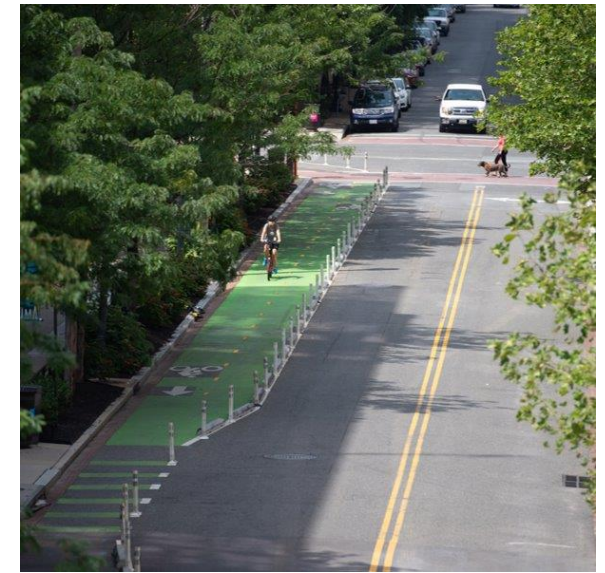
DDOT is committed to improving
bus speeds and reliability

WALK



DDOT is committed improving economic
equity and accessibility through safe,
efficient, **integrated transit** options

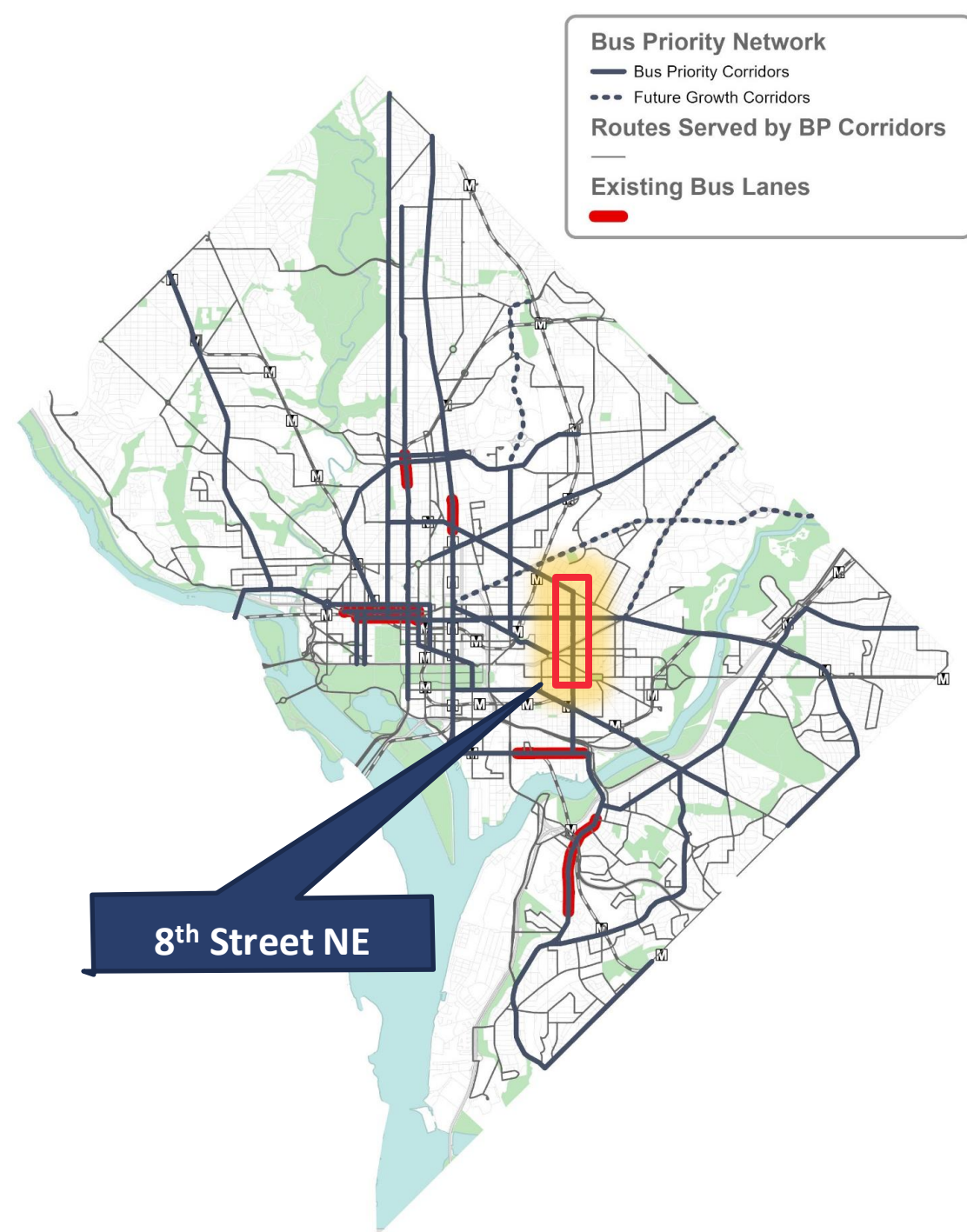
& BIKE



DDOT is committed to integrating
and expanding the **bicycle
and pedestrian network**

Bus Priority Network

- Reflected in the moveDC transit modal priority network
- Made up of corridors spanning 70 miles across all eight wards of the District
 - Identifies where future improvements are needed to make transit faster and more reliable along the District's busiest bus routes
 - Serves over **120 Metrobus and 5 Circulator routes** for at least a portion of their route (fall 2019 routing)
- 63% of District residents and 79% of jobs are within 1/4 mile of a bus priority corridor

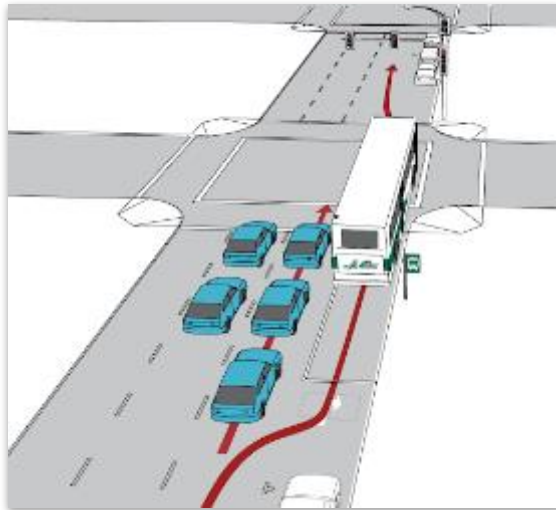


Bus Priority Toolbox

- DDOT has identified the tools to improve bus speeds and reliability and will tailor them to the specific needs of the neighborhood
- DDOT's Bus Priority Program Toolbox includes over 20 treatments to improve bus operations including:



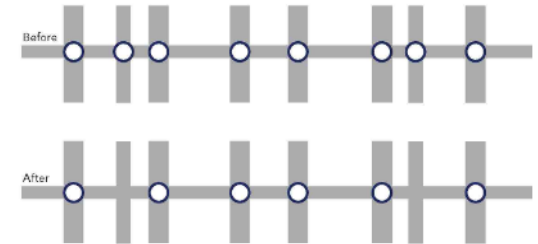
Bus lanes to reduce congestion delay



Queue jumps to allow buses to get to the front of the line



Bulb-outs to allow buses to board from the travel lane and provide more space for passengers to wait



Stop rebalancing to reduce dwell time delay



8th Street NE

From East Capitol Street to Florida Avenue

Background

- Daily Traffic: 3,500 vehicles (annual average)
 - Collectors typically range from 2,300-5,600¹
- Designated Freight Route
- Bus passengers per day: 1,650-2,400 (average)
- Most frequent service: Every 12 minutes
- Busiest Stops (Daily Boarding + Alighting):
 - 8th Street NE @ H Street NE (~2,200)
 - 8th Street NE @ K Street NE (~600)

¹Metropolitan Washington Council of Governments





Const. Ave. NE

Mass Ave. NE

A St. NE

East Capitol St.

Curbside (parking,
loading, or drop-off)

Bus bulb-out

CIRCULATOR

10-22

Bus stop



- Curbside (parking, loading, or drop-off)
- Bus bulb-out
- Bus only markings
- Bus stop





BUS ONLY SIGNAL

Bus queue jump

Curbside (parking, loading, or drop-off)

Bus only markings

Bus/streetcar stop

TSI: 21-00150383 for traffic calming at I Street and 8th Street NE;
 ANC 6A01 (Suggestion to install "Do Not Enter" and "Stop Sign Ahead" signs)



Florida Ave. NE

L St. NE

WV Ave. NE

K St. NE

RAISED

Bicycle Lane

Curbside (parking,
loading, or drop-off)

Bus bulb-out

Bus stop

Curbside (parking,
loading, or drop-off)

Bus bulb-out

Bus stop

Next Steps



- Community Feedback
 - Use this [form](#) to submit feedback on bus priority projects or email buspriority@dc.gov or call 202-671-2376.
- Final Design – Fall 2022
- Construction – 2023

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District Department of Transportation